

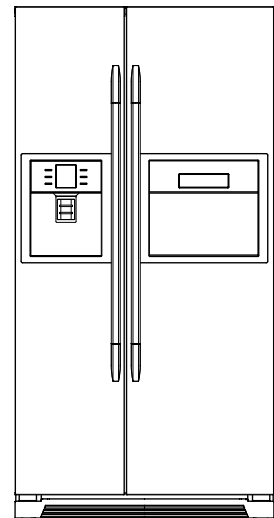
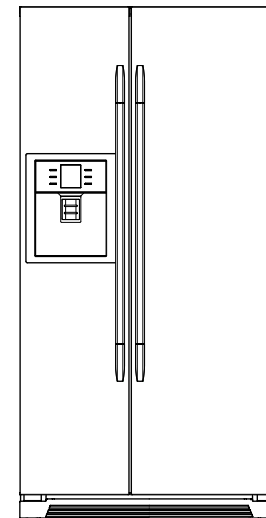
USER GUIDE



CFC-Free

FRS-U20DD*
FRS-U20ED*
FRN-U20DD*
FRN-U20ED*

FRS-U20FD*
FRS-U20GD*
FRN-U20FD*
FRN-U20GD*



Read this user guide thoroughly and carefully before using for your safety and optimal performance of refrigerator.

Side by Side **Refrigerator**



SAFETY WARNING (R-600a Models Only)

This appliance contains a certain amount of isobutane refrigerant (R600a) a natural gas with high environmental compatibility that is, however, also combustible. when transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.

Refrigerant squirting out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which appliance is standing for several minutes.

- In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used. The room must be 1m³ in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant is shown on the identification plate inside the appliance.
- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

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Be sure to keep for safety !

- Read these safety instructions thoroughly and carefully before using, and keep for future reference.



WARNING

Indicates the possibility of danger of death or serious injury



CAUTION

Indicates the possibility of risk of personal injury or material damage

Other Signs



DO NOT remove or disassemble!



Be sure to unplug from receptacle(socket/mains)!



NO., DO NOT...



Be sure to keep and follow!



Caution

1. If the supply cord becomes damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
2. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

WARN NG



Never let the power cord be crushed by the refrigerator itself, or other heavy objects. Never bend power cord excessively.

- If the cord is damaged or peeled, it can be a cause of fire and electric shock.



Do not plug several appliances into the same wall socket (receptacle). It can be a cause of overheating and/or fire. Use an exclusive grounded socket for the refrigerator.



Never hold the power cord or plug with wet hands.

- There is a risk of electric shock.



Never use a damaged power cord or plug, or loose main socket .

- There is a risk of fire, electric shock or serious injury.



It is vital to ensure the wall socket is Earthed.

- There is a risk of electric shock hazards.



Never unplug by pulling only the power cord wire. Always grip the plug firmly.

WARNING



The cord from the wall plug outlet should be directed downwards.

- If it is directed up, the cord near the plug is bent and can be damaged, which can cause an electric shock or fire.



Do not install the refrigerator on a wet floor or in a high humidity site

- Electric insulation gets weakened, resulting in a risk of electric shock hazards.



Never let the power cord touch or pass over heating appliances.

- Power cord can be damaged, resulting in a risk of electric shock hazards.



Check if plug is loose from the wall outlet.

- Electric insulation gets weakened, resulting in a risk of electric shock hazards.



Never pour or spray water into the refrigerator (both interior and exterior).

- Electric insulation gets weakened, resulting in a risk of electric shock hazards.



Do not place containers with water or liquid on top of refrigerator.

- Water can be poured into the refrigerator and can cause electric shock hazards or damage.



Do not let children hang on the refrigerator doors.

- Refrigerator can fall and do harm to them.



Do not move or remove compartment shelves/pockets while foods and containers are on them.

- Dislodged containers (of glass, metal etc.) can break glass shelves and interior parts, and cause injury.



Never attempt to repair, disassemble or update the refrigerator yourself.

- There is a risk of personal injury or damage to the refrigerator. It is recommended that any service be carried out by a qualified person.



Never store any flammable gas or liquid in the refrigerator.



Never use flammable gas, benzene, thinner, gasoline, spray etc. near the refrigerator.

- There is a risk of fire, explosion and personal injury or damage.



If a gas leak is found near the refrigerator or in the kitchen, ventilate it immediately without touching power plug or refrigerator.

WARNING



Medicines, or academic research samples which require strict temperature control are not suitable for storage in the refrigerator.



Never insert fingers or hands into the back of refrigerator, especially the lower back.

- You can be hurt by sharp metal edges or can receive an electric shock.



Do not change fuse or light bulb on your own. Call the service agent to change them.



If you find the power cord damaged or cut, call the service agent immediately.



When you dispose of your old refrigerator, be sure to remove the door.

- Children can be trapped and suffocated in an abandoned refrigerator. Leaving it "just a few days!" is very dangerous.

CAUTION



Be sure to unplug when the refrigerator is not used for a long time.



Never touch frozen foods, frozen containers and (especially) metal containers with wet hands.

- You can be hurt by chilblains or cold burns.



Never eat any decayed or deteriorated food at all.

- Foods stored too long in the refrigerator should be thrown away.



Never place glass bottles /containers in the freezer compartment.

- Glass containers and bottles can expand or explode and cause risk of injury.



When moving the refrigerator (horizontally or tilted), more than 2 persons are required to hold it. (One to hold top back handles, the other, bottom holder.) If other parts gripped, it is very dangerous and likely to slip.



Take care if you move the appliance more than a short distance.

- Use the wheels to prevent damage to floors.
- If you move it a long distance, never forget to fasten the interior parts tightly with tapes.

Installation Guide

Read these safety instructions carefully before use and follow precautions for your safety.

Precautions in installation and power connection

To prevent fire, electric shock or leakage

1 Never install the refrigerator on a wet, watery floor or where water can easily gather.

2 Check the following before power connection.

- Connect power plug only to a grounded wall socket (an earthed mains).
- Do not plug several appliances into the same wall socket. It can cause overheating and/or fire. Plug the appliance into its own Earthed wall outlet.

3 Do not use an adapter plug or an extension cord.

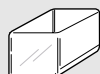
4 Never let the power cord be crushed by the refrigerator itself or other (heavy) objects.

- ※If you hear a strange noise, smell a strong chemical odour or see mist etc. from the appliance after turning the power on, turn off the power and pull out the plug immediately. Call the service agent for advice.
- ※If you are satisfied that the appliance is safe, wait at least five minutes before turning the power back on, to allow time for the compressor and electrical devices to settle.
- ※The first time you turn on the appliance you will need to wait for 2~3 hours until the inside reaches a cool enough temperature to store food.
- ※Initially it is normal for there to be some odour caused by plastic parts, but this will fade with use.

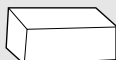
Precautions in use

- To prevent personal injury, fire, electric shock etc. read this user guide carefully before use and keep it to hand for any reference.

Accessories



Egg case



Filter Box

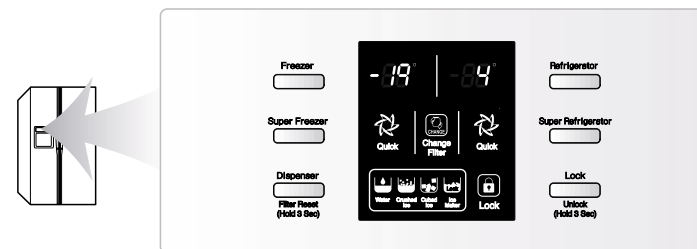


Water supply Kit



User guide

Control Panel



Filter

The "FILTER CHANGE" icon will show when the filter needs to be changed or reset. Filter life is normally six months.

1. Push the "LOCK" button.
2. Push "RESET WATER FILTER" button for 3 seconds after changing filter, then "FILTER CHANGE" icon goes off.



Lock

Children may push any button on the panel for fun, resulting in disorder of temperature and function of refrigerator.

- Press this button to lock out this possibility and protect temperature and function settings.
- Push lock button again for more than a second to revert.

For your convenience you can select WATER, CRUSHED ICE, CUBED ICE and ICE MAKER LOCK.

The icon lights up to indicate your selection is ON.



To obtain the water or ice, push the pad smoothly with your glass and your selection will come out 1~2 seconds later.

- Try to avoid placing the rim of your glass near the bottom of pad, otherwise Water or Icecubes may spill or splash.
- You will hear a snap sound 2 seconds after the icecubes come out. This is from the shut off ice-out valve.
- Wait 2~3 seconds after pushing the pad to get all the available water or ice cubes.

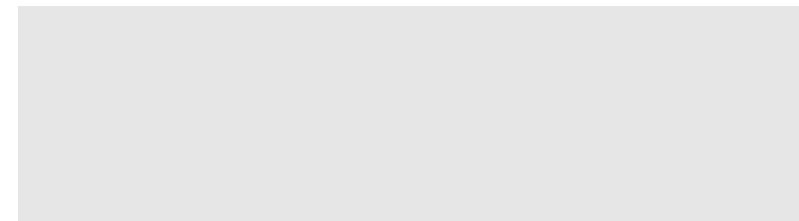


Ice Maker

When cleaning the icecubes case assembly or when you do not use for a long period of time, remove the icecubes in the ice storage case and press the button to stop making icecubes.



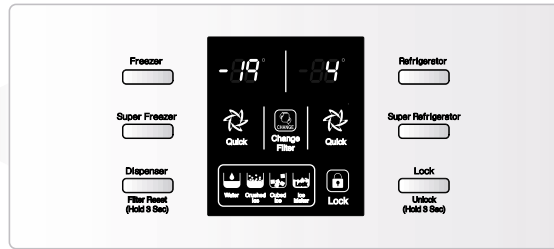
- Interior lights of refrigerator turn off when the doors are open for more than 10 minutes.
- In case either freezer or refrigerator door is open for more than a minute, door alarm rings for 5 minutes with 1 minute interval.





Temperature Control

※ When this appliance is first plugged in, the temperature mode is set to [Middle].



Freezer Compartment

Push the “Freezer” button and the setting temperature changes as the figure shows.

>>> Sequential Temperature Change <<<

-19 → -20 → -21 → -22 → -16 → -17 → -18



Faster Freezing...

When you want faster freezing, push the “Super Freezer” button. Just push the button once again when you want to stop the mode.

Refrigerator Compartment

Push the “Refrigerator” button and the setting temperature changes as the figure shows.

>>> Sequential Temperature Change <<<

84 → 83 → 82 → 88 → 87 → 86 → 85



Faster Cooling or Refrigeration

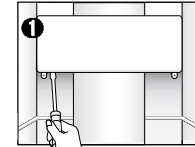
When you want faster refrigerating, push the “Super Refrigerator” button. Just push the button once again when you want to stop the mode.



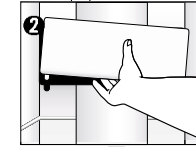
How To change the Interior Light Bulb

The lamp should be replaced only by a service agent or similarly qualified person.

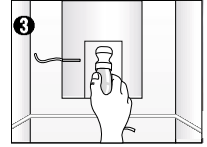
Change of Freezer Lights



Remove the 2 screws retaining the light cover.



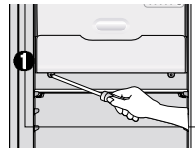
Hold the bottom of the light cover and pull forward to remove.



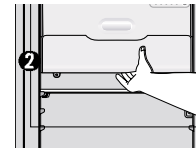
Change the light bulb.
※ Refit the cover and secure it using the 2 screws.

Change of Refrigerator Lights

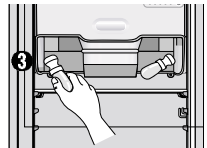
Refrigerator Top Lights



Remove the screws retaining the light cover.



Hold the bottom of the light cover and pull forward to remove.



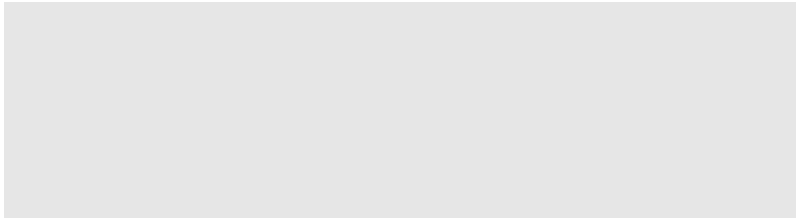
Change the light bulbs.
※ Refit the cover and secure it using the 2 screws.



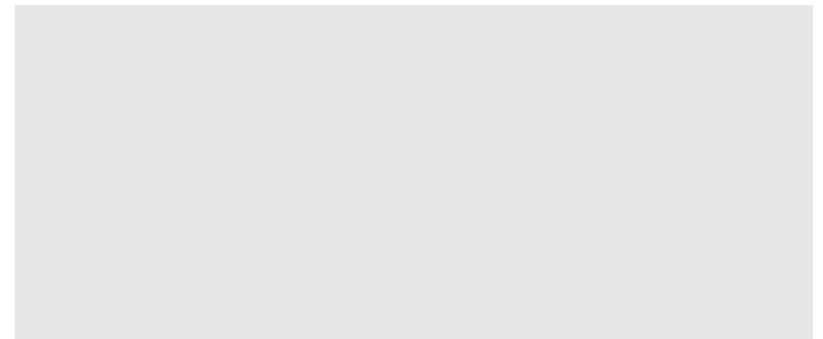
Caution Foods in the refrigerator can freeze if the ambient temperature of the refrigerator is below 5°C.



MEMO



MEMO





How to use the interior parts



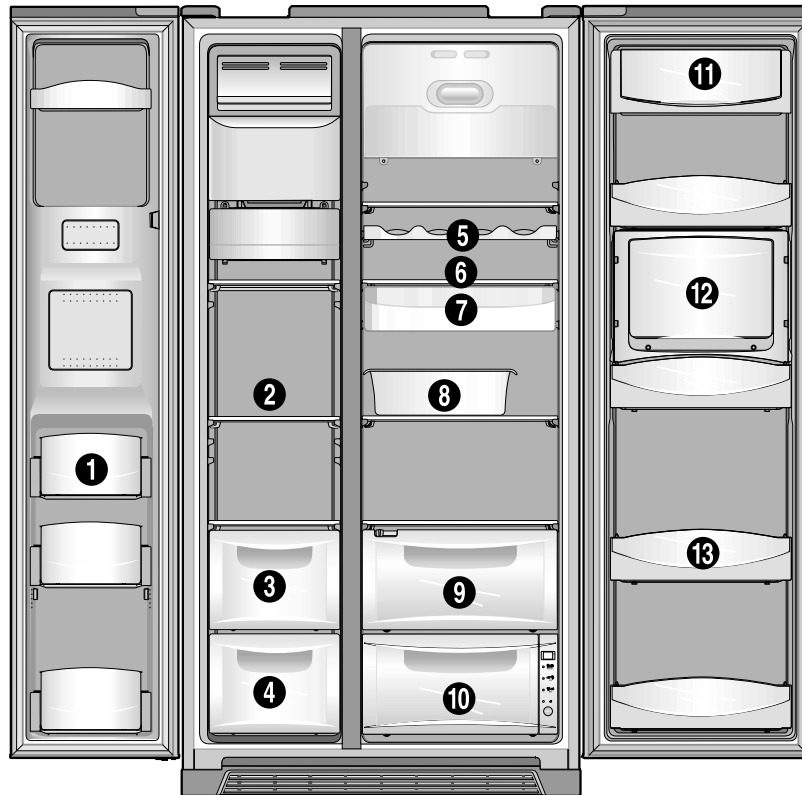
Caution

- Do not touch or hold with wet hands foods (foods container) in the freezer compartment.
There is a risk of chilblains (cold burn)
- Do not store medicine, academic research samples etc. in the refrigerator.
- Do not store vegetables in the chilled room, for they can be frozen.



Note

- Egg case can be placed on a refrigerator shelf as you like.



* Full - option models illustrated. Features are model - dependent.

❶ Freezer Pocket

For storing frozen foods
(Do not store ice cream or long stored foods on the top freezer pocket.)

❷ Freezer Shelf (tempered glass)

For storing frozen foods such as meat, fish, ice-cream...

❸ Drying Case of Freezer

For storing dried foods for so long
(dried squid, dried anchovy etc.)

❹ Meat case of Freezer

For storing meat, fish, chicken with foil cover or vinyl wrap

❺ Wine Keeper(Optional)

❻ Refrigerator Shelf (tempered glass)

For storing common foods



❼ Chilled Case (Option)

For storing foods temporarily that are ready to cook(meat, fish...)

❽ Movable Egg Case

Place the case for your convenience.
(Do not use the case for storing ice cubes
nor place in the freezer compartment.)

❾ Vegetable Case

❿ Magic Cool Zone (Option)

Refer to page 10.

⓫ Dairy Pocket

For storing dairy products such
as butter and cheese



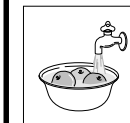
⓬ Refreshment Pocket (Refreshment Pocket Models Only)

For frequently used cans, drink water, beverages

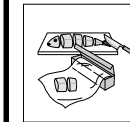
⓭ Refrigerator Pocket

For storing refrigerating foods, milk, juice, beer bottle etc.

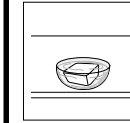
Food Storage Tips



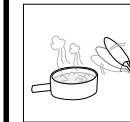
Wash foods before storing.



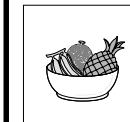
Divide and separate foods into
smaller pieces.



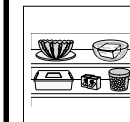
Place watery foods or foods
with much moisture in front of
shelves (close to door side).
● If they are placed close to the
cold air spout, they can be
frozen.



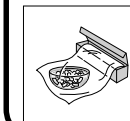
Warm or hot foods should be
cooled down enough before
storing to reduce power
consumption and to enhance
refrigeration performance.



Be careful in storing such
tropical fruit as bananas,
pineapples, tomatos, for they
can easily be deteriorate in
lower temperature.



Keep enough space between
the foods as possible. If too
tight or too close, cold air
circulation is hindered, resulting
in poor refrigeration.



Never forget to cover or wrap
foods to prevent odour of
foods.



Magic cool zone (Option)

■ Magic cool zone Control graphic and Control function



When you plug in first, "OFF" LED is ON.

You can choose "OFF" → "VEGETABLE" → "FISH" → "MEAT" by pushing the "SELECT" button.

Step	Display
OFF	-
VEGETABLE	3 °
FISH	-1 °
MEAT	-3 °

The LEDs and temperatures indicate what you have selected.

- Displayed temperature means a target setting value, so it may differ from the actual room temperature.



How to use the Dispenser

■ Select WATER / CRUSHED ICE / CUBED ICE and press the cup on the PUSH pad for your convenience.



Press the 'Dispenser' button to select WATER and ICON lights up to show it is on.



Press the 'Dispenser' button to select CRUSHED ICE and ICON turns on.



Press the 'Dispenser' button to select CUBED ICE and ICON turns on.



WATER



CRUSHED ICE



CUBED ICE

* When you get [CUBED ICE] or [CRUSHED ICE], remove the cup from the pad when it is half full.
(If you don't, the remaining ICES will make the cup overflow or the dispenser outlet become blocked.)



Caution

- Avoid using thin fragile cups or crystal glasses when taking (crushed) icecubes.
- For your safety, never insert your fingers or other tools into the dispenser outlet.
- If you find the (crushed/cubed) ices discolored, stop using the dispenser and call the service agent.
- 1 hour after you get [CUBED ICE] or [CRUSHED ICE], the selection mode returns to [WATER] automatically.



How to use the Automatic Icemaker

- About 10 icecubes (7~8 times a day) are made at one time. If the ice storage case is full, icemaking stops.
- It is normal for the icemaker to make banging sounds when the icecubes are falling into the ice storage case.
- To prevent a bad odour or smells, regularly clean the Icecubes Storage Case.
- If the amount of ice in the storage case is not sufficient, the ice may not be dispensed. Wait a day or so to make more ice.
- If the ice does not dispense easily, ensure the dispenser outlet is not blocked.

● In case the icemaker doesn't work ●

If the icecubes get stuck and not dispensed

- Pull out the ice storage case and separate the icecubes any icecubes that may have stuck together.
- If the amount of water which is supplied to the icemaker needs adjusting. Call for the service agent.

In case of power failure

- The icecubes in the case may melt to flow down to the freezer room.
If long hours' of power failure is predicted, pull out the case, remove the icecubes in it and replace it back.



Use only the ices out of this refrigerator.



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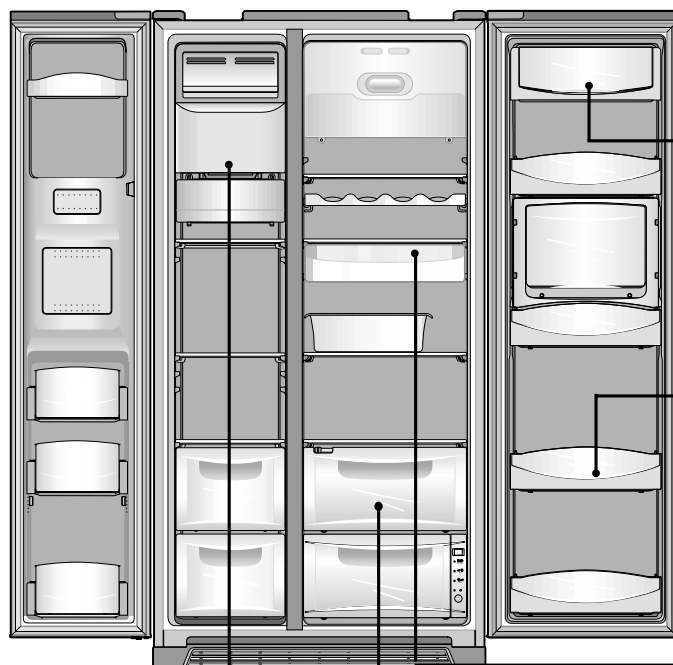
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Care & Cleaning

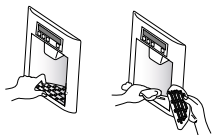
Be sure to unplug first !

Full - option models illustrated.



Dispenser Water Shelf

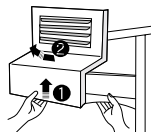
- Remove the spill grill and clean the water shelf regularly.
(The spill shelf is not self-draining.)



Never use any other electrical appliances inside the refrigerator for fear of electric shock or fire.

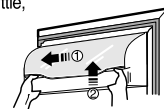
Icecubes storage Case

- Removal : Pull the case assembly up and forward to remove.
- Replacing : Fit into the side grooves and push to the back of the cabinet.
If it is difficult to fully insert the case, remove it, rotate the swirl coil in the case or drive mechanism a quarter turn and insert again.
※ Do not store the icecubes too long.



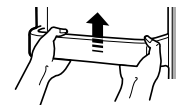
Dairy Pocket

- Dairy Pocket Cover: Open the cover a little, hold both ends and push left to remove.
- Dairy Pocket: Hold both ends and pull upward to remove.



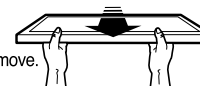
Freezer & Refrigerator Pockets

- Hold both ends and pull up.



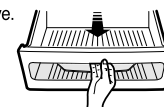
Freezer & Refrigerator Shelves

- Open the doors fully, then pull the shelves forward to remove.



Vegetable Case & Fruit Case

- Pull forward and lift up a little to remove.



How to Clean

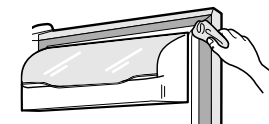
Interior Parts

- Use cloth with water and mild(neutral) detergent to clean.



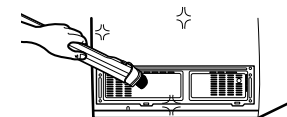
Door Packing

- Use cloth with mild(neutral) detergent.



Back (Compressor area)

- Remove dust on grill with a vacuum cleaner at least once a year.



Caution





- Never use substances such as gasoline (petrol), benzene (benzol), thinners etc., for cleaning as they are toxic and can damage surfaces.






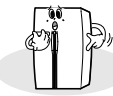



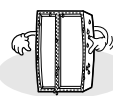


Before You Call for Service...

Please checkup the following troubleshooting tips before you call for service !

Problem	Checkup Point	Action
It never gets cold inside. Cooling and Freezing is not good. 	<ol style="list-style-type: none"> 1 Is the refrigerator unplugged ? 2 Is the temperature set to [Low Mode] ? 3 Is the refrigerator under direct sunlight or is any heat appliance placed near it ? 4 Is the space between refrigerator back and the wall too close ? 	<ol style="list-style-type: none"> 1 Plug in the refrigerator. 2 Set the temperature mode to Middle or High. 3 Move to a place where there is no direct sunlight, no heat appliances around. 4 Keep sufficient space (more than 10cm) between refrigerator back and the wall.
Foods in the refrigerator get frozen. 	<ol style="list-style-type: none"> 1 Is temperature set to [Strong] ? 2 Is surround ambient temperature too low ? 3 Is the food with high moisture content stored close to the cold air spout ? 	<ol style="list-style-type: none"> 1 Set the temperature to [Middle] or [Low]. 2 Foods can be frozen if ambient temperature is below 5 °C. Move to a place where the temperature is over 5 °C. 3 Place foods with high moisture content on the shelves close to the doors.
Strange sound from the refrigerator 	<ol style="list-style-type: none"> 1 Is floor beneath the refrigerator uneven ? 2 Is the space between refrigerator back and the wall too close ? 3 Do any objects touch the refrigerator? 	<ol style="list-style-type: none"> 1 Move the refrigerator to a level and even floor. 2 Keep sufficient space. 3 Remove any object which touches the refrigerator.
Odour or disgusting smell from the inside 	<ol style="list-style-type: none"> 1 Is the food stored uncovered or unwrapped ? 2 Are the shelves and pockets stained with food stuff ? 3 Is the food stored too long ? 	<ol style="list-style-type: none"> 1 Be sure to cover and wrap the foods. 2 Clean them regularly. Odours are absorbed into those parts, they are not easy to remove. 3 Do not store foods too so long. A refrigerator is neither a perfect nor a permanent foods keeper.



Something strange ? Don't worry. Here is the answer.

Case	Explanation
Heat Front and side of refrigerator feels warm or hot. 	<ul style="list-style-type: none"> ● Pipes (refrigerant vessel) are placed beneath the surface to prevent moisture forming on it.
Door is sticky Doors do not open easily. 	<ul style="list-style-type: none"> ● When you close the door and then open again immediately, the door is not easy to open. Warm air rushes into the inside to make the pressure difference. In this case wait for a minute, then it will open easily.
Strange Sound It sounds like water is flowing from the refrigerator. 	<ul style="list-style-type: none"> ● When the compressor starts to run or stops, refrigerant which makes the inside cold flowing in the pipes can make such a sound. ● Defrosted water can also make such a sound. (This refrigerator adopts an automatic defrosting system.)
A cracking or clickingsound is heard. 	<ul style="list-style-type: none"> ● These sounds can be heard when inside parts shrink and expand due to temperature change --- when the inside gets cold or when the door is open.
Humming or buzzing sound. 	<ul style="list-style-type: none"> ● Compressor or fans for cold air circulation can make this sound. (If the refrigerator is not level, the sound can be louder.)
Frost & Dew Dew or frost on the wall and/or food container surface in the freezer and refrigerator compartment. 	Frost and/or dew can be made in the following cases ; <ul style="list-style-type: none"> ● High temperature and/or high humidity around the refrigerator ● When doors are open too long ● Foods with much moisture are stored uncovered or unwrapped ※ You can see the same appearance when cold water is poured in a glass cup and dew is forming on the surface of it.
Dew on the interior lights covers 	<ul style="list-style-type: none"> ● The light bulb radiates heat while it is on, so when doors are open too long, dew can form on the light cover due to temperature difference.
Dew on the cabinet surface 	<ul style="list-style-type: none"> ● If it is highly humid around the refrigerator, moisture in the air sticks to the surface to form dew.

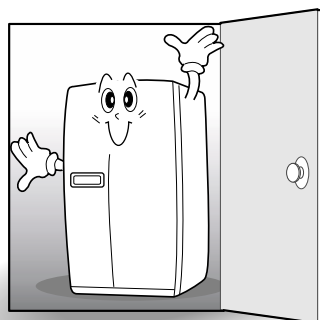


Installation Preparation

● Check if the refrigerator can be taken - in ●

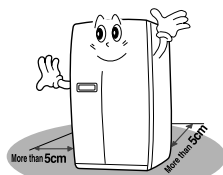
Dimensions (including Door Handles)

(Width*Depth*Height) 903mm × 734.5mm × 1790mm

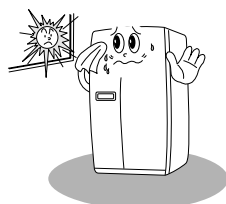


● Find a suitable place to install ●

※ Sufficient space between refrigerator back and the wall for free air ventilation



※ Avoid direct sunlight.



- Once the installation place is ready follow the installation instructions.
If the surrounding temperature of refrigerator is low (below 5°C), foods can be frozen or the refrigerator can work abnormally.



If the refrigerator can not pass through a door during installation, follow these steps.

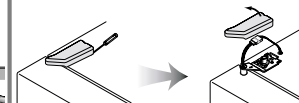
● Removing Freezer Door ●

※ Remove front bottom cover first, if it is attached.

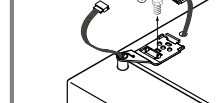
- 1 Remove the bottom cover first.
Pull out the left collar of the coupling first, then hold the coupling and pull out the left water tube.
(Dispenser Models Only)



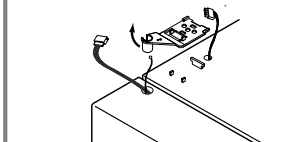
- 2 Unscrew top hinge cover with a screw driver.



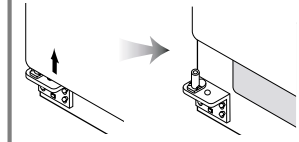
- 3 Turn top hinge fastener counterclockwise 3~4 times.
Disconnect the harness wires.



- 4 Lift up the front of hinge to remove.
(After the hinge is removed the door can fall down forward. Be careful !)

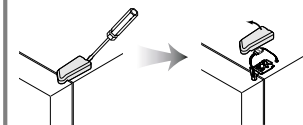


- 5 Be careful not to damage the water line when removing the door.

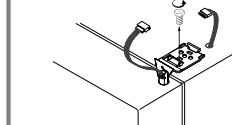


● Removing Refrigerator Door ●

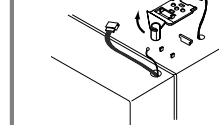
- 1 Unscrew top hinge cover with a screw driver.
Insert a thin screw driver into the side groove of the cover to remove.



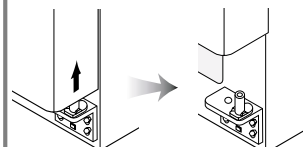
- 2 Turn top hinge fastener counterclockwise 3~4 times.
Disconnect harness wires.



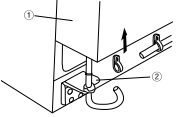
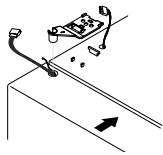
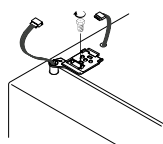
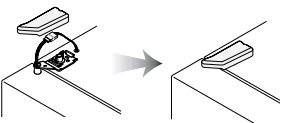

- 3 Lift up the front of hinge to remove.
(After the hinge is removed the door can fall down forward. Be careful !)



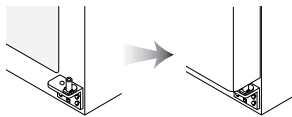
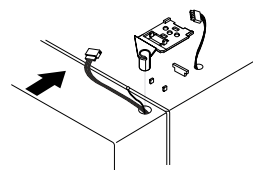
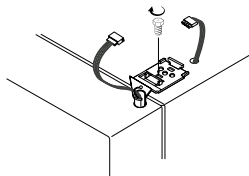
- 4 Lift the door straight up to remove.



● Replacing Freezer Door ●

<p>1 Insert the water tube into the hole in the bottom hinge pin first (Dispenser Models Only). Insert the bottom of freezer door onto the bottom hinge pin.</p> 	<p>2 Insert the bottom hole of freezer door straight to the bottom hinge pin.</p> 	<p>3 Let the top of door close onto the cabinet and insert the top hinge pin into the top hole of freezer door. (Insert the back of hinge onto the groove on the protrusion first, then front into the top hole of door.)</p> 
<p>4 Tighten the hinge fastener as tightly as possible. Connect harness wirings and attach the earth wire. Replace the hinge cap.</p> 	<p>5 Insert the water tube deep into the coupling. (Dispenser Models Only)</p> 	

● Replacing Refrigerator Door ●

<p>1 Insert the bottom hole of refrigerator door straight onto the bottom hinge pin.</p> 	<p>2 Let the top of door close onto the cabinet and insert the top hinge pin into the top hole of refrigerator door. (Insert the back of hinge into the groove on the protrusion first, then front into the top hole of door.)</p> 	<p>3 Tighten the hinge fastener as tightly as possible. Connect wiring harness and fasten ground earth wire. Replace hinge cap.</p> 
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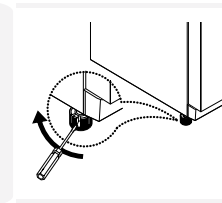


Refrigerator Levelling & Door Adjustment (If needed.)

Refrigerator must be level in order to maintain optimal performance and desirable front appearance. (If the floor beneath the refrigerator is uneven, freezer and refrigerator doors look unbalanced.)

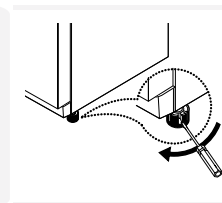
● In case freezer door is lower than refrigerator door... ●

Insert a screw driver (flat tip) into a groove on the left wheel (bottom of freezer) and turn it clockwise until doors are levelled. (clockwise to raise freezer door ; counterclockwise to lower)



● In case refrigerator door is lower than freezer door... ●

Insert a screw driver (flat tip) into a groove on the right wheel (bottom of refrigerator) and turn it clockwise until doors are levelled. (clockwise to raise refrigerator door ; counterclockwise to lower)



◀ Front Cover

After installation and/or door leveling, fasten front cover with screws. (Remove the screws on the front bottom panel first. Click and screw on the cover)



Caution

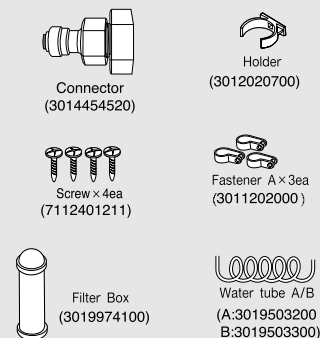
The front of refrigerator needs to be higher, just a little, than the back for easy door closing. But if the front wheels are raised too much i.e. The front of the refrigerator is much higher than the back, it can be difficult to open the door.

How to install Water Line (Dispenser Models Only)

- The water pressure should be 2.0~12.5 kgf/cm² or more to run the automatic icemaker.
※ Check your tap water pressure; if a cup of 180cc is full within 10 seconds, the pressure is correct.
- When installing the water tubes, ensure they are not close to any hot surfaces.
- The water filter only "filters" water ; it does not eliminate any bacteria or microbes.
- If the water pressure is not high enough to run the icemaker, call the local plumber to get an additional water pressure pump.
- The filter life depends on the amount of use. The recommended filter life is six months.
※ When attaching the filter, place it for easy access (for removing and replacing)
- After installation of refrigerator and water line system, select [WATER] on your control panel and press it for 2~3 minutes to supply water into the water tank and dispense water.
- Use sealing tape on every connection of pipes/tubes to ensure there are no water leaks.
- The water tube should be connected to the cold water line.

WATER SUPPLY KIT

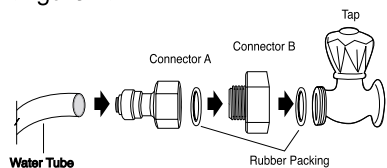
※ Check the parts below for installing water supply. Some other necessary parts are available at your local service agents.



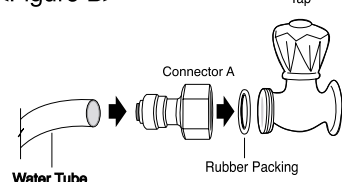
Installation Procedure (Dispenser Models Only)

1. Join Connector to the tap water line

<Figure A>



<Figure B>



N.B.

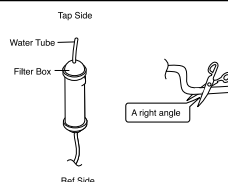
Place the rubber washer inside the tap connector and screw onto the water tap.

2. Get ready to install the Water Filter

- Measure an approximate distance between the filter and the Water connection on the fridge and cut a piece of water tube off cleanly at right angles to the length required
- Connect the tubes to the filter as the figure shown in the diagram.

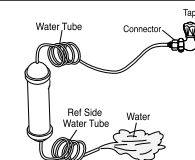
N.B.

Leave a sufficient slack when cutting the tubes.



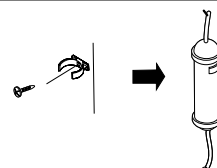
3. Remove any substances in the filter.

- Open the main tap water valve and check if water comes out of the Water Tube.
- Check if the Water Valve is open in case water does not come out.
- Leave the valve open until clean water is coming out.
※ Initial water out of the filter may contain some substances (manufacturing process).



4. Attach the Filter Box

- Screw and fasten the filter holder to the left/right side of the back of refrigerator.
※ In case the holder is not secured well, remove the backing paper of the tape on the filter holder and attach it.
- Insert the filter into the holder.

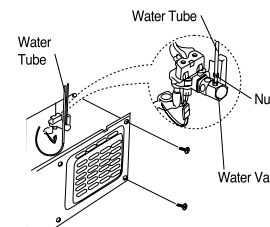


5. Connect the Water Tube to the refrigerator.

- Remove the rear cover on the back of the refrigerator (at the bottom).
- Insert the Water tube into the fastening nut. (Be careful to enter the nut from the right direction.)
- Insert the Water Tube into the top of the Water Valve, turn the nut clockwise to fasten it. (The Water valve is to the right of the motors.)
- Check for any bent tubes or water leaks; if so, re-check installation procedure.
- Replace the rear cover. (The Water Tube should be placed in the groove between the refrigerator back and motor cover.)

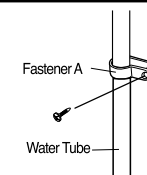
N.B.

Set the tube upright as the figure shows.



6. Fasten the Water Tube.

- Fasten the Water Tube with the [Fastener A].
- Check if the tube is bent or squeezed. If so, set it straighten out to prevent any water leak.



7. After installation of Water Supply System

- Plug in the refrigerator, press the [WATER] button on the control panel for 2~3 minutes to remove any air bubbles in the pipes and drain out the initial water.
- Check for the water leaks again throughout the water supply system (tubes, connectors and pipes) Rearrange the tubes again and do not move the refrigerator again.

